

**JOE COOKSLEY**

**TITLE:** Forensic Scientist 2  
**EDUCATION:** Bachelor of Science in Biology and Criminal Justice  
University of Texas at Dallas, Richardson, Texas (2001)

Master of Science in Forensic Genetics  
University of North Texas HSC, Fort Worth, Texas (2003)

**PROFESSIONAL EXPERIENCE:** October 2006-present: Forensic Scientist 2  
Minnesota Bureau of Criminal Apprehension Forensic Science Laboratory-  
Biology Section, Saint Paul, Minnesota

November 2007-present: Team Member  
Minnesota Bureau of Criminal Apprehension Forensic Science  
Laboratory-Crime Scene Response Team, Saint Paul, Minnesota

July 2004 – October 2006: Forensic Scientist 1  
Minnesota Bureau of Criminal Apprehension Forensic Science Laboratory –  
Biology Section, Saint Paul, Minnesota

Jan. 2004-July 2004: Forensic Scientist  
Ohio Bureau of Criminal Investigation and Identification – Serology/DNA  
unit, London, Ohio

May 2003 – July 2003: Intern  
Orchid Cellmark, Nashville, Tennessee

August 2001-May 2003: Lab Assistant  
University of North Texas HSC, Fort Worth, Texas  
Dept. of Anatomy and Pathology

**CERTIFICATIONS:**

**TRAINING:** Serology – Ohio BCI in-service training  
Serology – Minnesota BCA in-service training  
Forensic DNA Analysis – Minnesota BCA in-service training  
Courtroom testimony – Ohio BCI in service training  
Courtroom testimony - Minnesota BCA in service training  
Presenting DNA Evidence in Court – Human Identification  
Symposium (Promega 2005)  
DNA statistics – presented by George Carmody  
Advanced DNA Methods – presented by John Butler  
Crime Scene Training – Minnesota BCA in service training  
FBI DNA Auditor Training  
Applied Forensic Statistics - presented by John Planz  
Future Trends in Forensic DNA Technology-Applied Biosystems  
Forensic Y-STR Training-Marshall University Forensic Science Center  
Kinship Analysis Training-California Criminalistics Institute



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**PROFESSIONAL  
AFFILIATIONS:**

American Academy of Forensic Sciences  
Midwestern Association of Forensic Scientists



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# MINNESOTA DEPARTMENT OF PUBLIC SAFETY

Bureau of Criminal Apprehension  
Forensic Science Laboratory - St. Paul  
1430 Maryland Avenue East  
St. Paul, MN 55106

TEL: (651) 793-2900 TTY: (651) 282-6555 FAX: (651) 793-2901

An ASCLD/LAB Accredited Laboratory

To: St. Paul Police Department  
367 Grove Street  
St. Paul, MN 55101

Lab No. S09-05767  
Report No. 1

Attention: John Bandemer

## REPORT ON THE EXAMINATION OF PHYSICAL EVIDENCE

Nuclear DNA 06/17/2009

Laboratory Number: S09-05767  
Section Reporting: Nuclear DNA  
Case Type: Criminal Sexual Conduct

Requesting Agency: St. Paul Police Department  
Agency Case Number: 08044622  
County: Ramsey

Principals: [REDACTED] Haji Osman Salad; Andrew NMN Kayachith; Abdikarim Osman Ali; Abdullahi Sade Afyare

### Description of Submitted Evidence:

Item	Type and Packaging	Description/Source
1	One brown paper bag containing evidence classified as bedding	sheets recovered from 6900 92nd Avenue North Brooklyn Park - agency item 1
2	One brown paper bag containing evidence classified as bedding	sheets recovered from 6900 92nd Avenue North Brooklyn Park - agency item 5
3	One brown paper bag containing evidence classified as bedding	sheets recovered from 6900 92nd Avenue North Brooklyn Park - agency item 6
4	One brown paper bag containing evidence classified as bedding	sheets recovered from 6900 92nd Avenue North Brooklyn Park - agency item 7
5	One brown paper bag containing evidence classified as a shirt	and scarf from [REDACTED] collected from vehicle
6	One manila envelope containing evidence classified as a swabbing from Item	collected from inside door handle from vehicle license # XRN259
7	One manila envelope containing evidence classified as a swabbing from Item	collected from rf inside door handle 2B vehicle license # XRN259
8	One manila envelope containing evidence classified as a swabbing from Item	collected from rr inside door handle 2c vehicle license XRN259
9	One manila envelope containing evidence classified as a swabbing from Item	collected from steering wheel and arm vehicle XRN259
10	One manila envelope containing evidence classified as a swabbing from Item	collected from gear shift 2E vehicle XRN259
11	One manila envelope containing evidence classified as a swabbing from Item	collected from inside driver door handle 2F Vehicle XRN259
12	One manila envelope containing evidence classified as questioned fiber(s)	collected from driver's seat item 1A
13	One manila envelope containing evidence classified as questioned fiber(s)	collected from RF seat item 1B
14	One manila envelope containing evidence classified as questioned fiber(s)	collected from RR seat item 1C
15	One manila envelope containing evidence classified as questioned fiber(s)	collected from center bench item 1D
16	One manila envelope containing evidence classified as questioned fiber(s)	collected from LR seat Item 1E
17	One manila envelope containing evidence classified as	tissue from RF floor Item 3

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Vice

an item of evidence

Sexual Assault Evidence Kit

One brown paper bag containing evidence classified as

Arson Kit

Jeans belonging to Ryan Wain

Pants

**Results of Laboratory Examination:**

Semen was identified on the outer labia swabs (Item 18B-3) and on two areas of Item 19, which were collected as Items 19-1 and 19-3. DNA analysis can be performed on selected items when known samples from Haji Osman Salad, Andrew Kayachith, Abdikarim Osman Ali, and Abdullahi Sade Afyare are submitted to the BCA Laboratory.

Semen was not detected on the vaginal swabs (Items 18B-1 and 18B-2), inner labia swabs (Item 18B-4), cervical swabs (Item 18B-5), anal swabs (Item 18C-1), rectal swabs (Item 18C-2), shirt (Item 5A), scarf (Item 5B), and Item 17.

No examinations were performed on Items 1 through 4 and Items 6 through 16 at this time.

I hereby certify that the above report is true and accurate and represents my opinions and interpretations.



Joe Cooksley  
Forensic Scientist

**Disposition of Evidence:**

Evidence will be held in the lab pending analysis.

Portions of pertinent evidence items have been removed and are being stored at the BCA Laboratory. Certain items have been retained in their entirety and are being stored at the BCA Laboratory.

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To: St. Paul Police Department  
367 Grove Street  
St. Paul, MN 55101

Lab No. S09-05767  
Report No. 2

Attention: John Bandemer

## REPORT ON THE EXAMINATION OF PHYSICAL EVIDENCE

Nuclear DNA 09/04/2009

Laboratory Number: S09-05767  
Section Reporting: Nuclear DNA  
Case Type: Criminal Sexual Conduct

Requesting Agency: St. Paul Police Department  
Agency Case Number: 08044622  
County: Ramsey

Principals: [REDACTED] Haji Osman Salad; Andrew NMN Kayachith; Abdikarim Osman Ali; Abdullahi Sade Afyare; Mustaf Ali Jama; Yassin Abdirahman Yusuf

### Description of Submitted Evidence:

Item	Type and Packaging	Description/Source
18	sexual assault evidence kit	[REDACTED]
19	One brown paper bag containing evidence classified as pants	jeans belonging to [REDACTED]
20	One envelope containing evidence classified as a known DNA sample collection kit	Abdullahi Sade Afyare
21	DNA Buccal Swab Kit	Abdikarim Osman Ali
22	One envelope containing evidence classified as a known DNA sample collection kit	Andrew NMN Kayachith
23	One envelope containing evidence classified as a known DNA sample collection kit	Mustaf Ali Jama
24	DNA Buccal Swab Kit	Yassin Abdirahman Yusuf
25	One envelope containing evidence classified as a known DNA sample collection kit	Abdirahman Abdirizake Hersi
26	One envelope containing evidence classified as a known DNA sample collection kit	Haji Osman Salad

### Results of Laboratory Examination:

DNA profiling\* was performed on semen previously identified on swabs of outer labia (Item 18B-3) and cuttings taken from the pants (Items 19-1 and 19-3). DNA profiling\* was also performed on DNA obtained from known samples from [REDACTED] (Item 18A), Abdullahi Sade Afyare (Item 20), Abdikarim Osman Ali (Item 21), Andrew NMN Kayachith (Item 22), Mustaf Ali Jama (Item 23), and Yassin Abdirahman Yusuf (Item 24).

The DNA profile obtained from the sperm cell fraction of Item 18B-3 is consistent with being a mixture of DNA from two or more individuals. A predominant male DNA profile was obtained from the sperm cell fraction of Item 18B-3 that matches the DNA profile obtained from Abdikarim Osman Ali and does not match the DNA profiles obtained from [REDACTED], Abdullahi Sade Afyare, Andrew NMN Kayachith, Mustaf Ali Jama, and Yassin Abdirahman Yusuf. The predominant DNA profile obtained from the sperm cell fraction of

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Discovery003490

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GOVERNMENT  
EXHIBIT  
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Item 18B-3 would not be expected to occur more than once among unrelated individuals in the world population. Abdullahi Sade Afyare, Andrew NMN Kayachith, Mustaf Ali Jama, and Yassin Abdirahman Yusuf are excluded from being a contributor to the DNA mixture obtained from the sperm cell fraction of Item 18B-3. Minor DNA types obtained from the sperm cell fraction of Item 18B-3 were consistent with being from [REDACTED]. Further comparisons can be made to this DNA mixture if known samples from pertinent individuals are submitted to the BCA Laboratory.

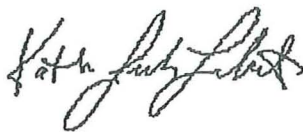
The DNA profile obtained from the sperm cell fraction of Items 19-1 and 19-3 matches the DNA profile obtained from Abdikarim Osman Ali and does not match the DNA profile obtained from [REDACTED]. Abdullahi Sade Afyare, Andrew NMN Kayachith, Mustaf Ali Jama, and Yassin Abdirahman Yusuf. The DNA profile obtained from the sperm cell fractions of Item 19-1 and 19-3 would not be expected to occur more than once among unrelated individuals in the world population.

The DNA profile obtained from the non-sperm cell fraction of Item 19-1 is consistent with being a mixture of DNA from two or more individuals. Abdikarim Osman Ali cannot be excluded from being a possible contributor to the DNA mixture obtained from the non-sperm cell fraction of Item 19-1. It is estimated that 99.999991% of the general population can be excluded from being contributors to this DNA mixture. [REDACTED] Abdullahi Sade Afyare, Andrew NMN Kayachith, Mustaf Ali Jama, and Yassin Abdirahman Yusuf are excluded from being a contributor to the DNA mixture obtained from the non-sperm cell fraction of Item 19-1. Further comparisons can be made to this DNA mixture if known samples from pertinent individuals are submitted to the BCA Laboratory.

The DNA profile obtained from Item 19-3 is consistent with being a mixture of DNA from two or more individuals. A predominant DNA profile, indicated as female, was obtained from the non-sperm cell fraction of Item 19-3 that matches the DNA profile obtained from [REDACTED] and does not match the DNA profiles obtained from Abdikarim Osman Ali, Abdullahi Sade Afyare, Andrew NMN Kayachith, Mustaf Ali Jama, and Yassin Abdirahman Yusuf. The predominant DNA profile obtained from the non-sperm cell fraction of Item 19-3 would not be expected to occur more than once among unrelated individuals in the world population. Due to insufficient genetic information, no statement can be made regarding the source of the minor DNA types obtained from the non-sperm cell fraction of Item 19-3.

Additional DNA testing will be performed on selected items. Please notify the Biology Section of the BCA Laboratory if you have not received a report within 2 month of the date of this report. If it is determined that additional DNA analysis is not needed, please notify the Biology Section of the BCA Laboratory.

I hereby certify that the above report is true and accurate and represents my opinions and interpretations.



Katharine Lentz-Lockhart  
Forensic Scientist

\*DNA loci tested using PCR: D8S1179, D21S11, D7S820, CSF1P0, D3S1358, TH01, D13S317, D16S539, D2S1338, D19S433, vWA, TPOX, D18S51, D5S818, FGA, and Amelogenin.

Laboratory No. S09-05767  
Report No. 2

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**Disposition of Evidence:**

Evidence will be held in the lab pending analysis. Items 20 through 24 have been returned.

Portions of pertinent evidence items have been removed and are being stored at the BCA laboratory. Items 18A, 18B-3a, and the contents of Items 20 through 24 have been retained in their entirety and are being stored at the BCA laboratory.

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Lab No. S09-05767  
Report No. 3

Attention: John Bandemer

REPORT ON THE EXAMINATION OF PHYSICAL EVIDENCE

Nuclear DNA 09/23/2009

Laboratory Number: S09-05767  
Section Reporting: Nuclear DNA  
Case Type: Criminal Sexual Conduct

Requesting Agency: St. Paul Police Department  
Agency Case Number: 08044622  
County: Ramsey

Principals: [REDACTED] Haji Osman Salad; Andrew NMN Kayachith; Abdikarim Osman Ali; Abdullahi Sade Afyare; Mustaf Ali Jama; Yassin Abdurahman Yusuf; Abdurahman Abdirizake Hersi

Description of Submitted Evidence:

Item	Type and Packaging	Description/Source
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3	One brown paper bag containing evidence classified as bedding	sheets recovered from 6900 92nd Avenue North Brooklyn Park - agency item 6
4	One brown paper bag containing evidence classified as bedding	sheets recovered from 6900 92nd Avenue North Brooklyn Park - agency item 7

Results of Laboratory Examination:

Semen was identified on one area of the pillowcase (Item 1B) which was collected as Item 1B-1, 3 areas of the cream colored sheet (Item 1G) which were collected as Items 1G-1 through 1G-3, and on one area of the black and white sheet (Item 2A) which was collected as Item 2A-1. Seminal fluid was indicated on two areas of Item 1G, which were collected as Items 1G-4 and 1G-5. DNA analysis will be performed on selected items. Please notify the Biology Section of the BCA Laboratory if you have not received a report within two months of the date of this report. If it is determined that DNA analysis is not needed, please notify the Biology Section of the BCA Laboratory.

Semen was not detected on the pillow cases (Items 1A, 1C, 1D, 1E, and 2C), the shirt (Item 1F), and the sheets (Items 1H, 2B, 3A, and 3B), and Item 4. Blood was not detected on Items 1D, 1F, and 1G.

I hereby certify that the above report is true and accurate and represents my opinions and interpretations.

Vice

*Joe Cooksley*

Joe Cooksley  
Forensic Scientist

**Disposition of Evidence:**  
Evidence will be held in the lab pending analysis.

Portions of pertinent evidence items have been removed and are being stored at the BCA laboratory.

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